



0500
#3
OIPE
2/5/02
JMS

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/723,970

DATE: 12/08/2000
TIME: 14:48:23

Input Set : A:\A-676a.app
Output Set: N:\CRF3\12082000\I723970.raw

ENTERED

```

3 <110> APPLICANT: Paszty, Christopher J. R.
4   Cao, Jin
5   Gong, Jianhua
7 <120> TITLE OF INVENTION: Beta-Like Glycoprotein Hormone Polypeptide and
8   Heterodimer
10 <130> FILE REFERENCE: A-676A
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/723,970
13 <141> CURRENT FILING DATE: 2000-11-27
15 <150> PRIOR APPLICATION NUMBER: 60/192,654
16 <151> PRIOR FILING DATE: 2000-03-28
18 <150> PRIOR APPLICATION NUMBER: 60/199,211
19 <151> PRIOR FILING DATE: 2000-04-24
21 <160> NUMBER OF SEQ ID NOS: 10
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 130
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 Met Lys Leu Ala Phe Leu Phe Leu Gly Pro Met Ala Leu Leu Leu Leu
32   1           5           10           15
34 Ala Gly Tyr Gly Cys Val Leu Gly Ala Ser Ser Gly Asn Leu Arg Thr
35   20           25           30
37 Phe Val Gly Cys Ala Val Arg Glu Phe Thr Phe Leu Ala Lys Lys Pro
38   35           40           45
40 Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys
41   50           55           60
43 Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala His
44   65           70           75           80
46 His Arg Val Cys Thr Tyr Asn Glu Thr Lys Glu Val Thr Val Lys Leu
47   85           90           95
49 Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Val Ala
50   100          105          110
52 Ile Arg Cys Asp Cys Gly Ala Cys Ser Thr Ala Thr Thr Glu Cys Glu
53   115          120          125
55 Thr Ile
56   130
59 <210> SEQ ID NO: 2
60 <211> LENGTH: 390
61 <212> TYPE: DNA
62 <213> ORGANISM: Homo sapiens
64 <400> SEQUENCE: 2
65 atgaagctgg cattcctctt ccttggcccc atggccctcc tcttcttggc tggctatggc 60
66 lgtgtcctcg gtgcctccag tgggaacctg cgcacctttg tgggtgtgac cgtgagggag 120
67 ttctactttcc tggccaagaa gccaggtgac aggggacctc ggatcaccac ggaatgctgc 180
68 tggggtcgct gtgagacctg ggagaaaccc attctggaac cccctatat tgaagcccat 240
69 catcgagtct gtacctacaa cgagaccaaa caggtgactg tcaagctgcc caactgtgac 300

```

RECEIVED
JAN-2 2001
OIPE/JCWS

RAW SEQUENCE LISTING DATE: 12/08/2000
 PATENT APPLICATION: US/09/723,970 TIME: 14:48:23

Input Set : A:\A-676a.app
 Output Set: N:\CRF3\12082000\I723970.raw

```

70 ccgggagtcg accccttcta cacctatccc gtggccatcc gctgtgactg cggagcctgc 360
71 tccactgccca ccacggagtg tgagaccatc 390
74 <210> SEQ ID NO: 3
75 <211> LENGTH: 106
76 <212> TYPE: PRT
77 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 3
80 Ala Ser Ser Gly Asn Leu Arg Thr Phe Val Gly Cys Ala Val Arg Glu
81 1 5 10 15
83 Phe Thr Phe Leu Ala Lys Lys Pro Gly Cys Arg Gly Leu Arg Ile Thr
84 20 25 30
86 Thr Asp Ala Cys Trp Gly Arg Cys Glu Thr Trp Glu Lys Pro Ile Leu
87 35 40 45
89 Glu Pro Pro Tyr Ile Glu Ala His His Arg Val Cys Thr Tyr Asn Glu
90 50 55 60
92 Thr Lys Gln Val Thr Val Lys Leu Pro Asn Cys Ala Pro Gly Val Asp
93 65 70 75 80
95 Pro Phe Tyr Thr Tyr Pro Val Ala Ile Arg Cys Asp Cys Gly Ala Cys
96 85 90 95
98 Ser Thr Ala Thr Thr Glu Cys Glu Thr Ile
99 100 105
102 <210> SEQ ID NO: 4
103 <211> LENGTH: 24
104 <212> TYPE: DNA
105 <213> ORGANISM: Homo sapiens
107 <400> SEQUENCE: 4
108 atgaagctgg cattcctctt cctt 24
111 <210> SEQ ID NO: 5
112 <211> LENGTH: 21
113 <212> TYPE: DNA
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 5
117 gcatgtgctg ctcacacagg t 21
120 <210> SEQ ID NO: 6
121 <211> LENGTH: 19
122 <212> TYPE: DNA
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 6
126 ctgcaggtgc ctteggatc 19
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 22
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
134 <400> SEQUENCE: 7
135 gagacatctc cccactgtgt tt 22
138 <210> SEQ ID NO: 8
139 <211> LENGTH: 22
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING

DATE: 12/08/2000

PATENT APPLICATION: US/09/723,970

TIME: 14:48:23

Input Set : A:\A-676a.app

Output Set: N:\CRF3\12082000\I723970.raw

```
143 <400> SEQUENCE: 8
144 gtttccccca acagaatgtc aa 22
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 23
149 <212> TYPE: DNA
150 <213> ORGANISM: Homo sapiens
152 <400> SEQUENCE: 9
153 atgcctatgg cgtccctca aac 23
156 <210> SEQ ID NO: 10
157 <211> LENGTH: 28
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 10
162 ctagtagcga gagagcgac acatgtca 28
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/723,970

DATE: 12/08/2000

TIME: 14:48:24

Input Set : A:\A-676a.app

Output Set: N:\CRF3\12082000\I723970.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number